## NCER Funded Science to Achieve Results (STAR) Research Projects:

**Region 2 - New Jersey Institute of Technology** 



## **Tabular Query Results of NCER Program and Solicitation Information**

25 Abstracts are listed

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new jersey institute of technology <or> njit

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Number	Identifier	Abstract	Institution	Principal Investigator	Proposed Start Date	Highlighted Result?
1	none	Aqueous Absorption and Kinetics of NO by Strong Oxidizing Agents	North Carolina A&T State University	Yusuf G. Adewuyi, PhD	none	Highlighted
2	none	Simultaneous SO2/NO Removal/Recovery by Hollow Fiber Membrane	NC A&T State University, NJIT	Keith A. Schimmel; Kamalesh K. Sirkar	none	Highlighted
3	none	Continuation of Project to Provide Workshops for New Brownfields Pilots	New Jersey Institute of Technology	Gerard F. McKenna and William Librizzi	none	Highlighted
4	none	Development of a Method for Removal of Nonvolatile Organic Materials from Soil Using Flotation	New Jersey Institute of Technology	Victor Ososkov, Barbara Kebbekus	none	Highlighted
5	none	Preconcentration, Speciation, and Determination of Dissolved Heavy Metals in Natural Waters using Ion Exchange and Graphite Furnace Atomic Absorption Spectrometry	New Jersey Institute of Technology	Victor Ososkov, Barbara Kebbekus	none	Highlighted
6	none	Ultrasonic Enhancement of Soil Fracturing Technologies for In-situ Detoxification of Contaminated Soil	New Jersey Institute of Technology	Deran Hanesian, Angelo J. Perna, John Schuring	none	Highlighted
7	none	On-Site Insights Workshops	New Jersey Institute of	Andrea Kinney and	none	Highlighted

			Technology	Gerard McKenna		
8	none	Experimental and Modeling Studies of Chlorocarbon Incineration, PIC Formation, and Emissions Control	New Jersey Institute of Technology	Robert B. Barat and Joseph Bozzelli	none	Highlighted
9	none	Removal of VOCs from Contaminated Groundwater and Soils by Pervaporation	Chemistry and Environmental Science, New Jersey Institute of Technology	Professor Kamalesh K. Sirkar, Dr. Ibrahim Abou- Nemeh, Ms. Sukla Chandra, Mr. Ashish Saraf	none	Highlighted
10	R826190	An Integrated Near Infrared Spectroscopy Sensor for in- situ Environmental Monitoring	New Jersey Institute of Technology	Roland A. Levy and John F. Federici	February 20, 1998 - February 19, 2001	Highlighted
11	none	Recovery of Evaporative Fuel Losses by Vapor Permeation Membranes	Dept. of Chemical Eng., Chemistry and Env. Sci., New Jersey Institute of Technology	Prof. K. K. Sirkar, Dr. S. Majumdar, Mr. B. Shivashankar	none	Highlighted
12	R825380	Real-Time Trace Detection of Elemental Mercury and its Compounds	New Jersey Institute of Technology; Poulos Technical Services, Inc.	Robert Barat and Arthur T. Poulos.	November 25, 1996 - November 24, 1998	Highlighted
13	none	In-Situ Bioremediation of Organic Compounds: Coupling of Mass Transfer and Biodegradation	New Jersey Institute of Technology; John Hopkins University	Dr. Gordon A. Lewandowski; Dr. Edward J Bouwer	none	Highlighted
14	R824738	Demanufacturing Partnership Program Located at Rutgers University	Rutgers University, Newark	Joan Mahon	October 1, 1995 - September 30, 1997	Highlighted
15	none	Brownfields Redevelopment Expert System Decision Model	New Jersey Institute of Technology	Gerard McKenna, William Librizzi, Peter Lederman	none	Highlighted
16	none	Mixed Metal Removal and Recovery by Hollow Fiber Membrane-Based Extractive Adsorber	New Jersey Institute of Technology	K. K. Sirkar, ZF. Yang, and R. Chilukuri	none	Highlighted
17	none	Experimental Studies and Numerical Modeling of Turbulent Combustion During Thermal Treatment of Hazardous Wastes: Applied Research for the Generation of Design and Diagnostic Tools	Massachusetts Institute of Technology	: Adel F. Sarofim , Kenneth A. Smith, John P. Longwell and Carlo Procaccini	none	Highlighted
18	none	Fundamental Study on High Temperature Chemistry of Oxygenated Hydrocarbons as Alternate Motor Fuels and Additives	Chemical Engineering and Chemistry, New Jersey Institute of Technology	Joseph W. Bozzelli	12/31/95 ending date	Highlighted
19	none	Removal and Recovery of	New Jersey Institute of	K.K. Sirkar	none	Highlighted

		VOCs and Oils from Surfactant-Flushed Recovered Water by Membrane Permeation	Technology			
20	none	Microengineered Mass Spectrometer for in-situ Measurement of Airborne Contaminants	New Jersey Institute of Technology	W. N. Carr and K. R. Farmer	06/30/97 ending date	<u>Highlighted</u>
21	none	Technical Outreach Services For Communities (TOSC)	New Jersey Institute of Technology	William Librizzi and Gerard McKenna	none	Highlighted
22	R826371	Research Consortium on Ozone and Fine Particle Formation in California and in the Northeastern United States	California Institute of Technology, University of California at Riverside, New Jersey Institute of Technology, University of California at Irvine, Carnegie-Mellon University, Oregon Graduate Institute of Science and Technology, Georgia Institute of Techno	Glen Cass, Richard Flagan and John Seinfeld; Janet Arey, Roger Atkinson, and Kimberly Prather; Joseph Bozzelli; Donald Dabdub; Cliff Davidson and Spyros Pandis; James Pankow; Armistead Russell	April 15, 1998 - April 14, 2001	Highlighted
23	none	Elementary Reaction Mechanism and Pathways for Atmospheric Reactions of Aromatics - Benzene and Toluene	New Jersey Institute of Technology	Joseph W. Bozzelli and Tsan Lay	05/31/97 ending date	Highlighted
24	none	Simultaneous Removal of Soot and NOx from the Exhaust of Diesel Powered Vehicles	New Jersey Institute of Technology; Montclair State University	H. Shaw and R. Pfeffer; John G. Stevens	06/30/97 ending date	<u>Highlighted</u>
25	none	Field Pilot Test of In-Situ Ultrasonic Enhancement Coupled With Soil Fracturing to Detoxify Contaminated Soil in Cooperation with McLaren/Hart Environmental Engineers at the Hillsborough, NJ Site	New Jersey Institute of Technology	Deran Hanesian, Angelo Perna, John Schuring	none	Highlighted

## **Collections that were searched are:**

Research Center Research Projects Fellowship Research Projects Grants Research Projects

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